

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021430.D
 Acq On : 17 Dec 2021 14:53
 Operator : SY/VA
 Sample : M5121-04
 Misc : 5.26g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 21:16:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	114075	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	97991	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	37532	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44211	21.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.120%
7) Chloroethane-d5	2.879	69	29963	21.816	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.280%
11) 1,1-Dichloroethene-d2	4.013	63	40091	14.474	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.880%
21) 2-Butanone-d5	7.074	46	12693	43.342	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.680%
24) Chloroform-d	7.647	84	65159	20.497	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	8.305	65	37674	22.279	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.120%
32) Benzene-d6	8.269	84	127524	23.742	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.960%
36) 1,2-Dichloropropane-d6	9.268	67	35607	24.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.880%
41) Toluene-d8	10.323	98	115775	21.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	10.573	79	13920	20.987	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.960%
47) 2-Hexanone-d5	10.920	63	11187	52.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	23797	19.217	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	25593	17.595	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.360%#
Target Compounds						
					Qvalue	
13) Acetone	4.117	43	2634	10.033	ug/L	92
33) Benzene	8.317	78	3189	0.597	ug/L	100
37) 1,2-Dichloropropane	9.274	63	4675	3.926	ug/L	# 93
39) cis-1,3-Dichloropropene	10.036	75	1209	0.644	ug/L	# 68
46) Tetrachloroethene	10.860	164	1070	0.752	ug/L	79
49) Dibromochloromethane	10.860	129	878	0.731	ug/L	# 10
52) Ethylbenzene	11.725	91	8050	1.128	ug/L	99
53) m,p-Xylene	11.835	106	2492	0.866	ug/L	76
60) Isopropylbenzene	12.463	105	3170	0.622	ug/L	# 91
61) 1,2,3-Trichloropropane	13.493	75	6384	11.687	ug/L	# 55
64) 1,3-Dichlorobenzene	13.493	146	22971	9.549	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	24110	10.088	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	4381	2.069	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.621	75	5374	47.697	ug/L	# 10
69) 1,3,5-Trichlorobenzene	14.627	180	34766	19.337	ug/L	95
70) 1,2,4-Trichlorobenzene	15.127	180	55846	38.618	ug/L	95
71) Naphthalene	15.365	128	5013	2.134	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	7532	6.302	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
Response via : Initial Calibration

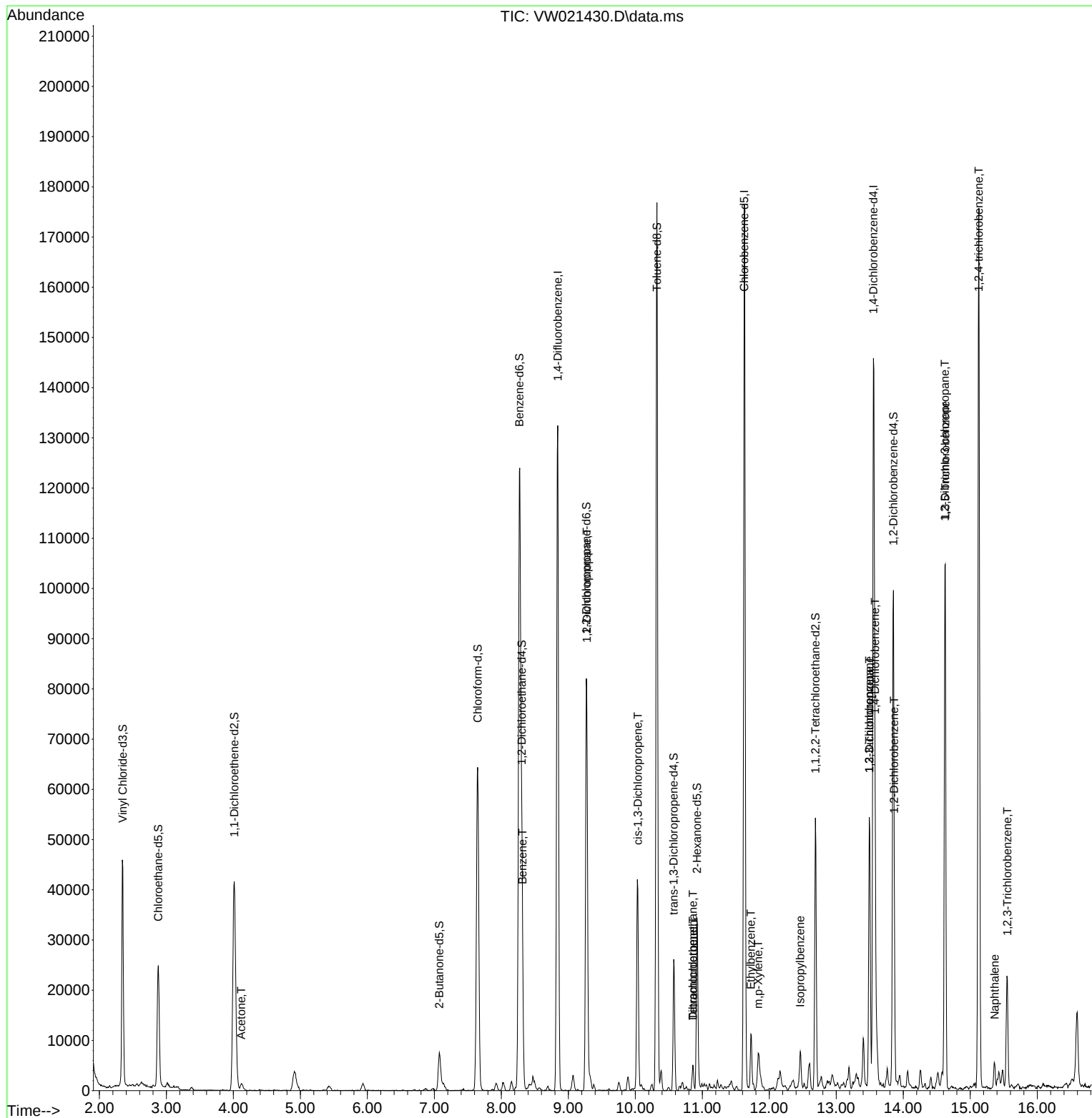
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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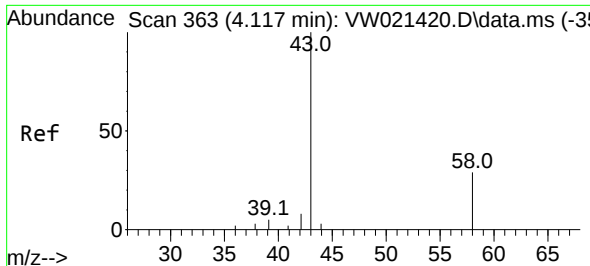
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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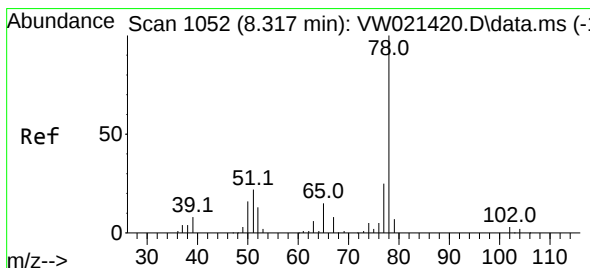
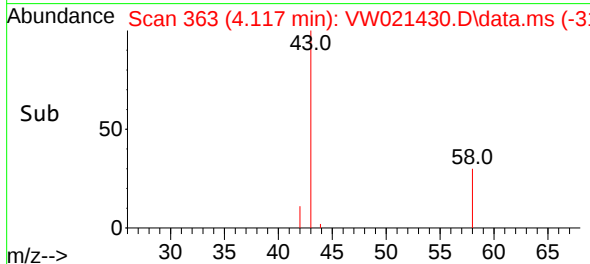
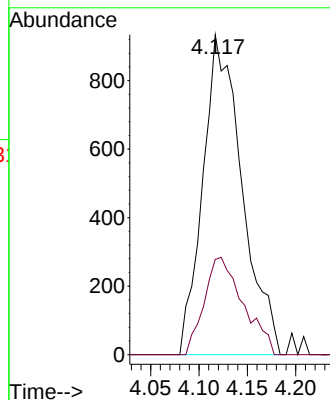
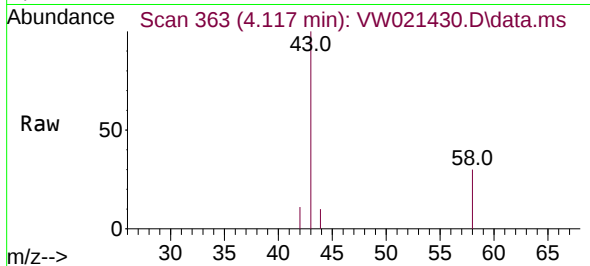




#13
Acetone
Concen: 10.033 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

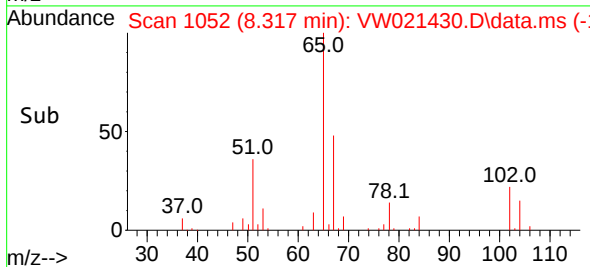
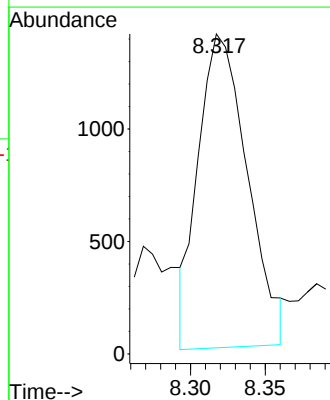
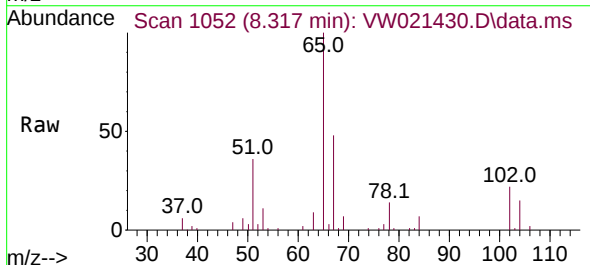
Instrument :
MSVOA_W
ClientSampleId :

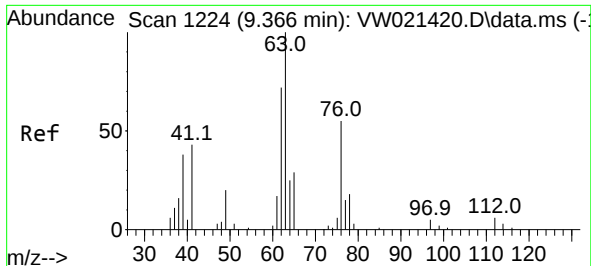
Tgt Ion: 43 Resp: 2634
Ion Ratio Lower Upper
43 100
58 30.3 0.0 52.8



#33
Benzene
Concen: 0.597 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

Tgt Ion: 78 Resp: 3189





#37

1,2-Dichloropropane

Concen: 3.926 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021430.D

Acq: 17 Dec 2021 14:53

Instrument :

MSVOA_W

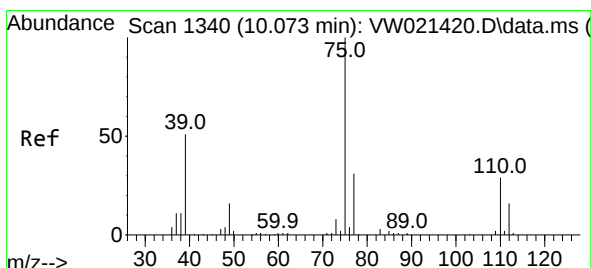
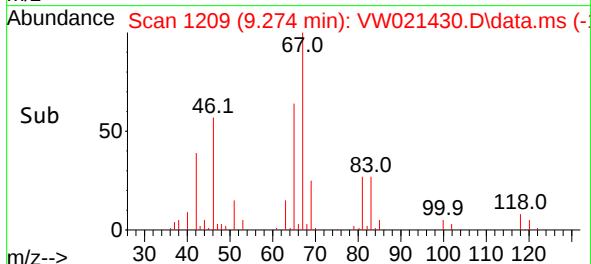
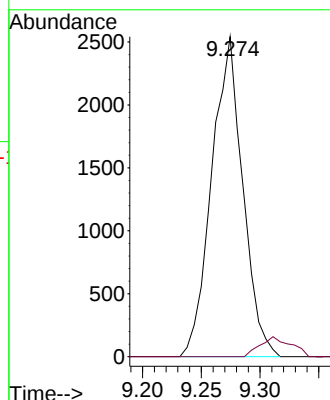
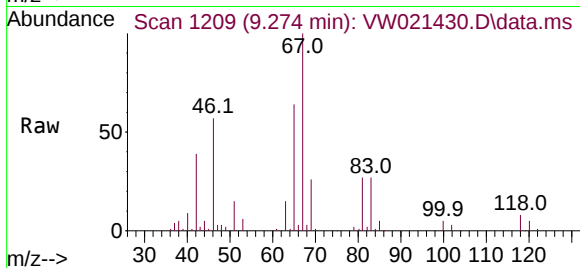
ClientSampleId :

Tgt Ion: 63 Resp: 4675

Ion Ratio Lower Upper

63 100

112 6.2 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.644 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.031 min

Lab File: VW021430.D

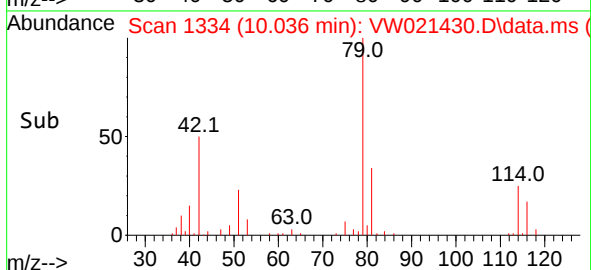
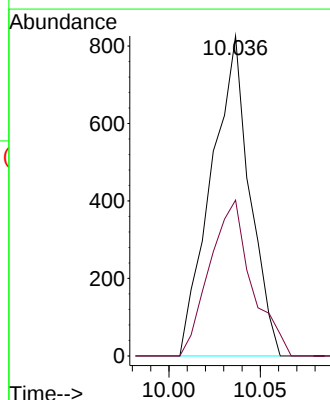
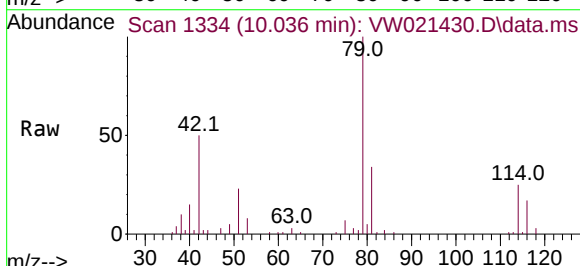
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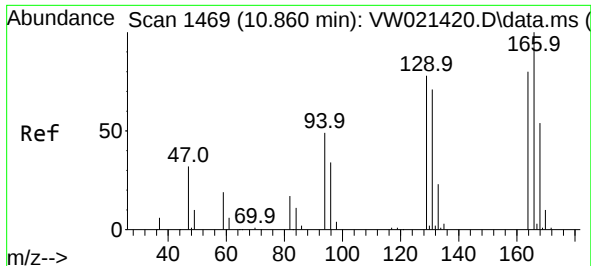
Tgt Ion: 75 Resp: 1209

Ion Ratio Lower Upper

75 100

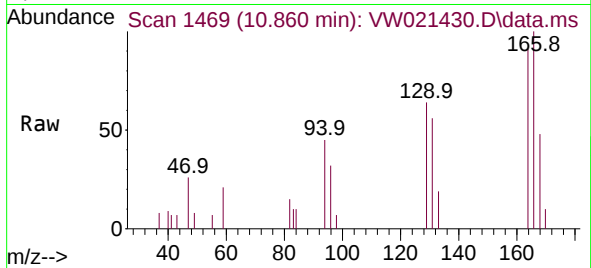
77 48.7 21.8 40.6#



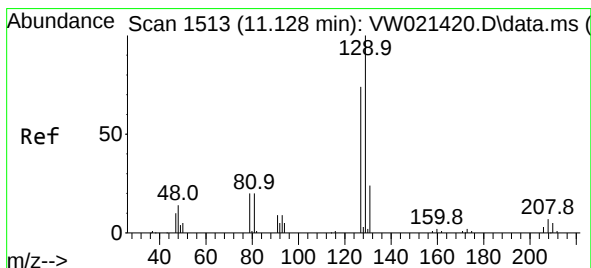
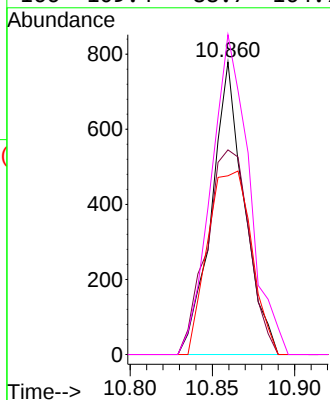
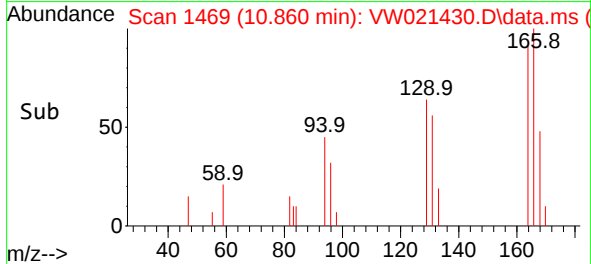


#46
Tetrachloroethene
Concen: 0.752 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

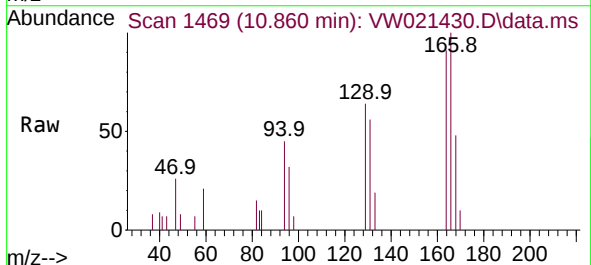
Instrument :
MSVOA_W
ClientSampleId :



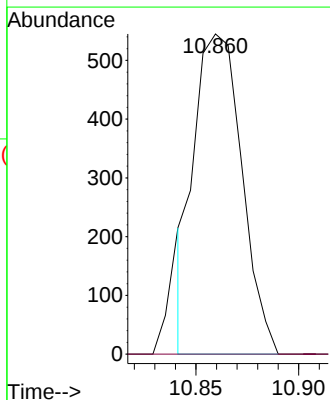
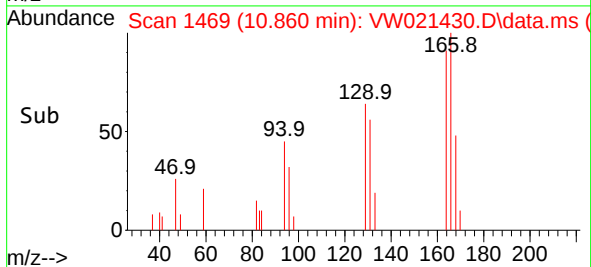
Tgt Ion:164 Resp: 1070
Ion Ratio Lower Upper
164 100
129 70.0 65.5 121.7
131 61.1 59.7 110.9
166 109.4 88.7 164.7

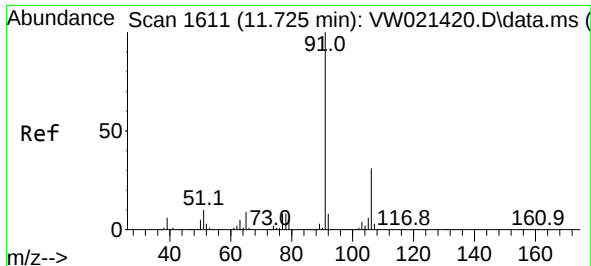


#49
Dibromochloromethane
Concen: 0.731 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53



Tgt Ion:129 Resp: 878
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#

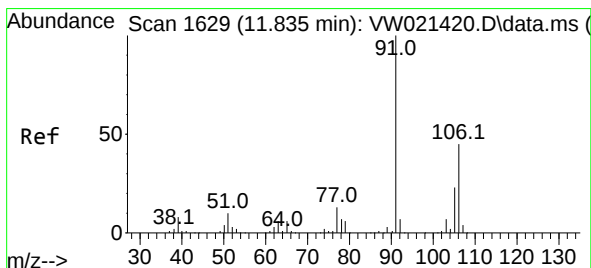
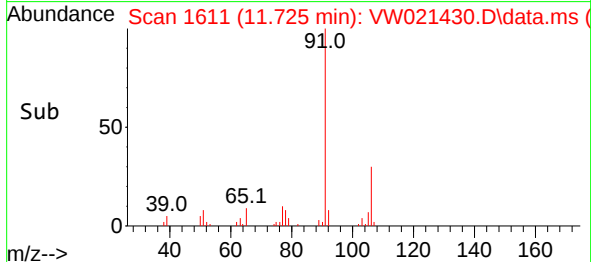
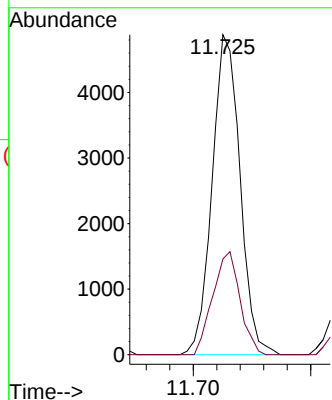
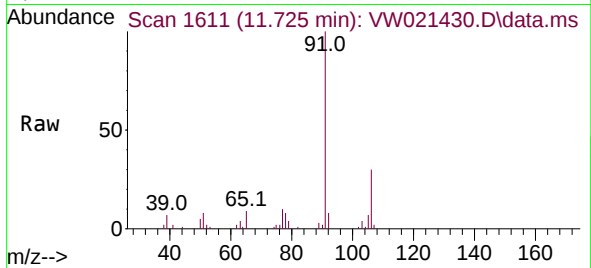




#52
Ethylbenzene
Concen: 1.128 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

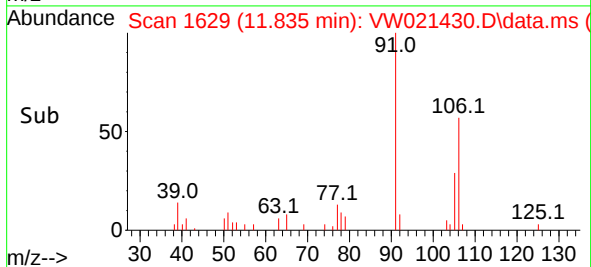
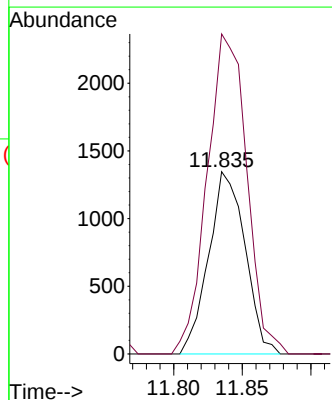
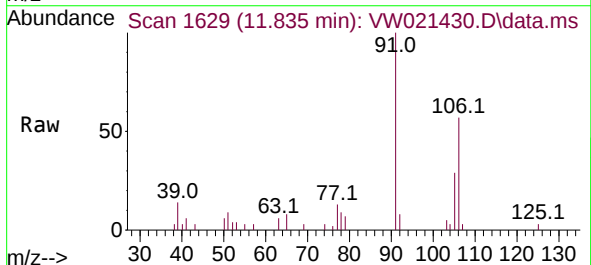
Instrument :
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ClientSampleId :

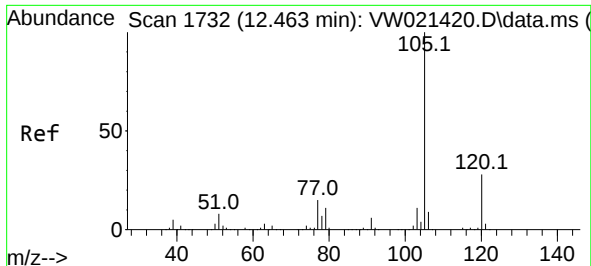
Tgt Ion: 91 Resp: 8050
Ion Ratio Lower Upper
91 100
106 29.9 21.5 39.9



#53
m,p-Xylene
Concen: 0.866 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

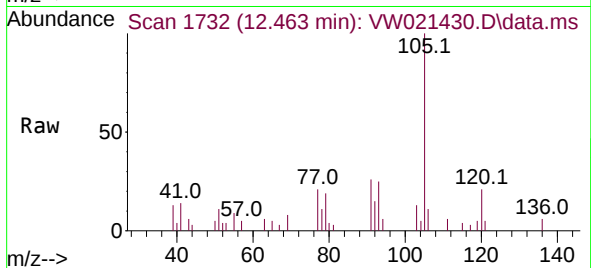
Tgt Ion: 106 Resp: 2492
Ion Ratio Lower Upper
106 100
91 175.6 149.9 278.3



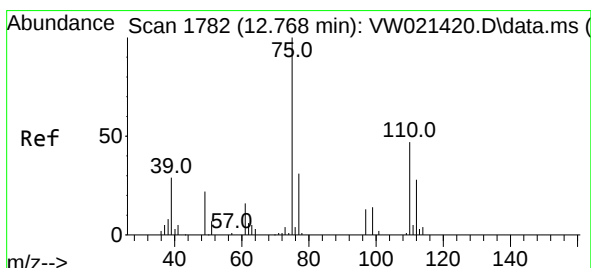
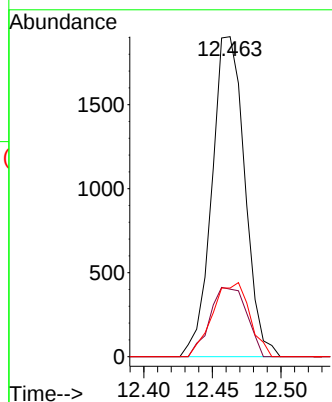
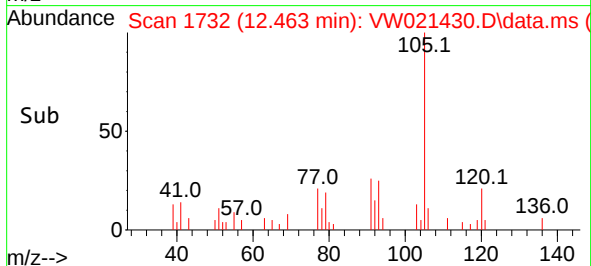


#60
Isopropylbenzene
Concen: 0.622 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

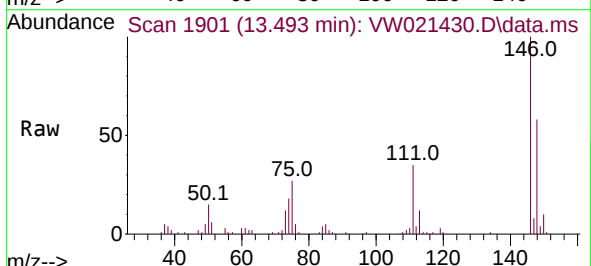
Instrument :
MSVOA_W
ClientSampleId :



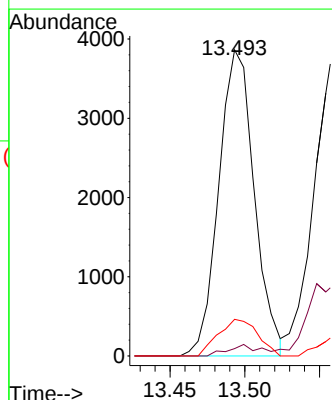
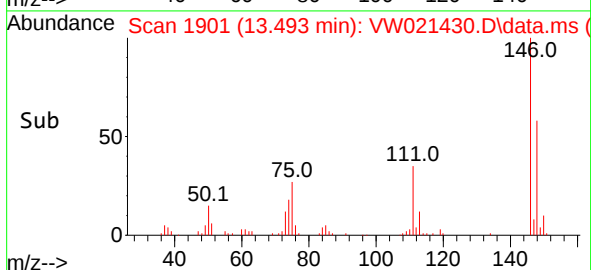
Tgt Ion:105 Resp: 3170
Ion Ratio Lower Upper
105 100
120 24.3 20.1 30.1
77 26.2 13.8 20.8#

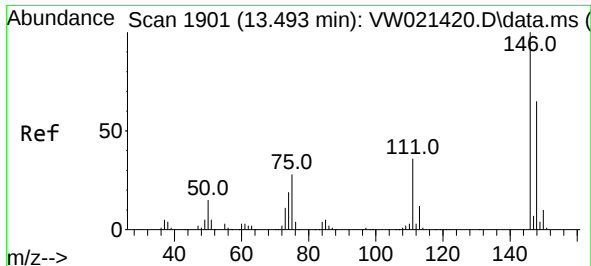


#61
1,2,3-Trichloropropane
Concen: 11.687 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.725 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53



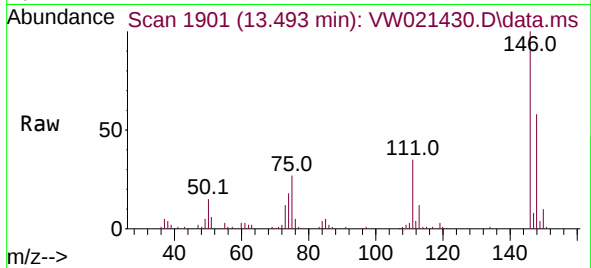
Tgt Ion: 75 Resp: 6384
Ion Ratio Lower Upper
75 100
77 3.3 25.8 38.8#
110 13.2 29.0 43.4#



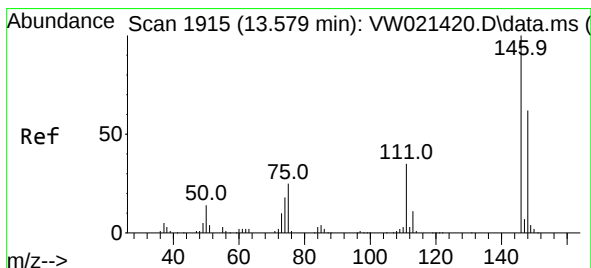
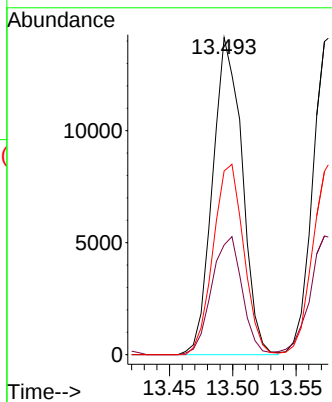
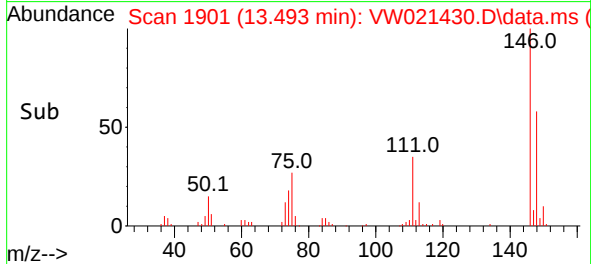


#64
1,3-Dichlorobenzene
Concen: 9.549 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

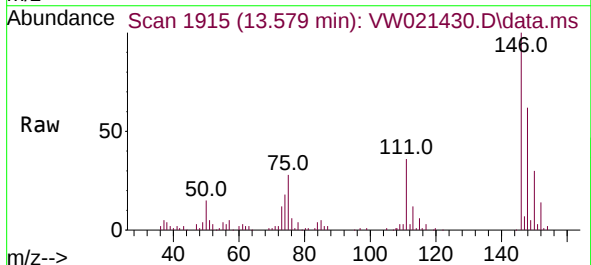
Instrument :
MSVOA_W
ClientSampleId :



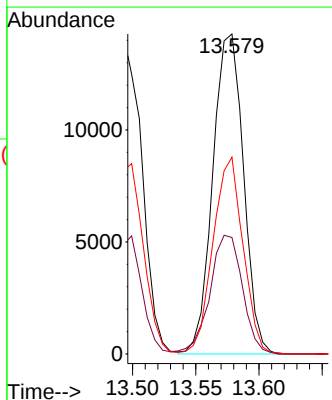
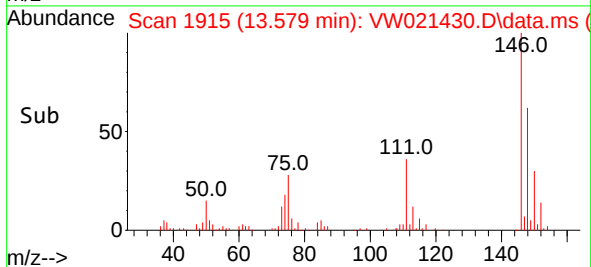
Tgt Ion:146 Resp: 22971
Ion Ratio Lower Upper
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111 34.6 29.8 55.3
148 57.9 46.2 85.8

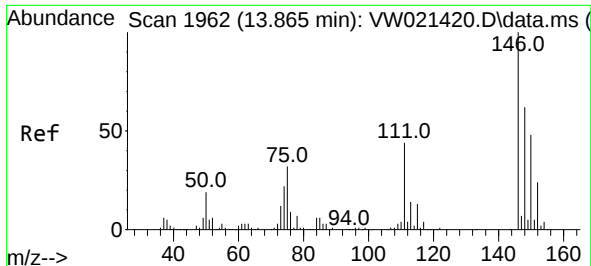


#65
1,4-Dichlorobenzene
Concen: 10.088 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53



Tgt Ion:146 Resp: 24110
Ion Ratio Lower Upper
146 100
111 36.4 29.0 53.9
148 61.5 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 2.069 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021430.D

Acq: 17 Dec 2021 14:53

Instrument :

MSVOA_W

ClientSampleId :

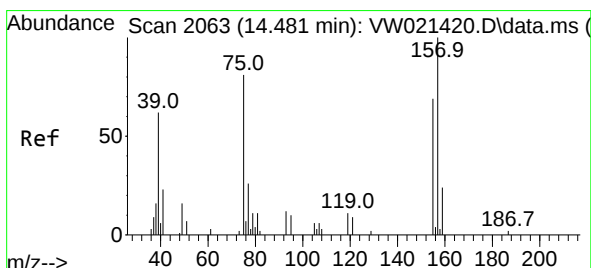
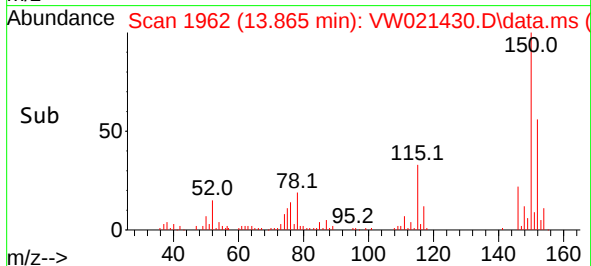
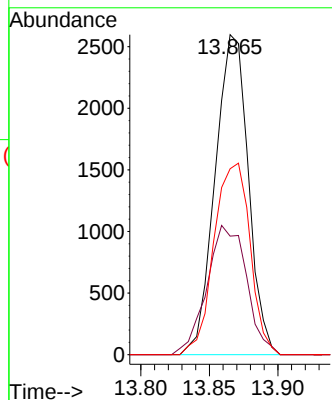
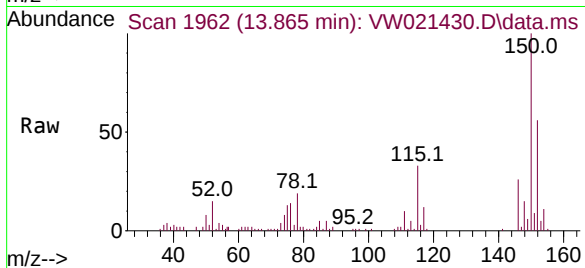
Tgt Ion:146 Resp: 4381

Ion Ratio Lower Upper

146 100

111 37.1 33.1 49.7

148 58.1 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 47.697 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.140 min

Lab File: VW021430.D

Acq: 17 Dec 2021 14:53

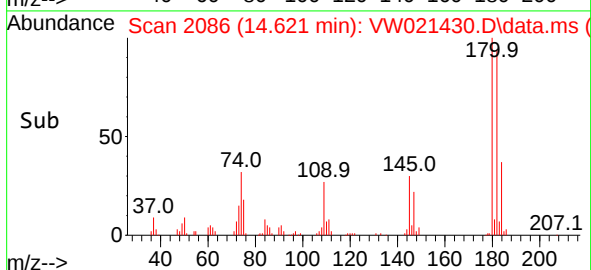
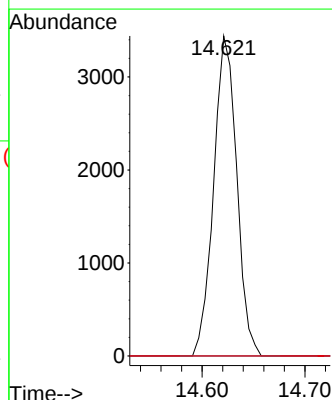
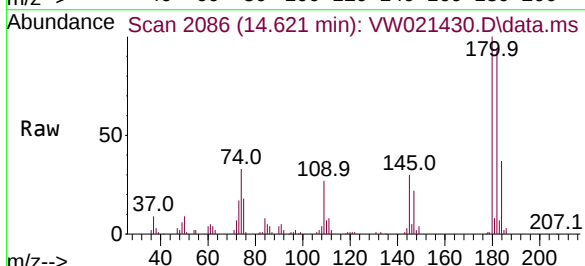
Tgt Ion: 75 Resp: 5374

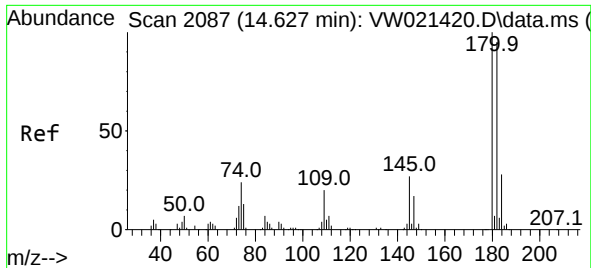
Ion Ratio Lower Upper

75 100

155 0.0 54.2 81.2#

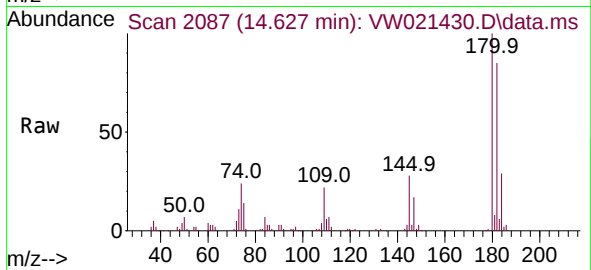
157 0.0 69.4 104.2#



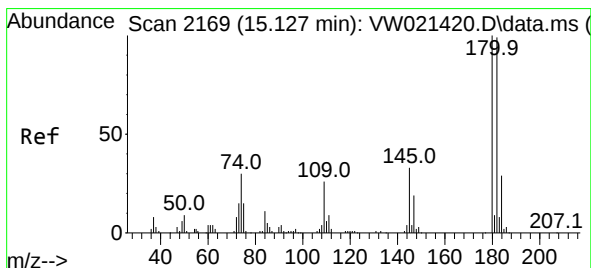
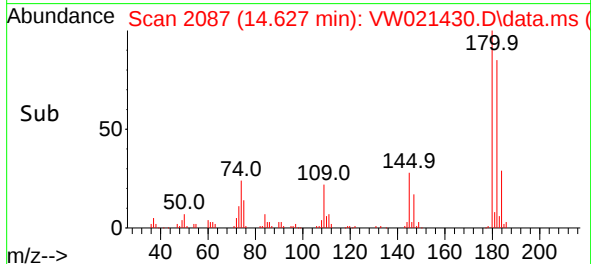
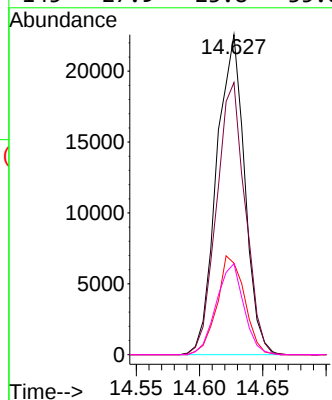


#69
1,3,5-Trichlorobenzene
Concen: 19.337 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

Instrument :
MSVOA_W
ClientSampleId :

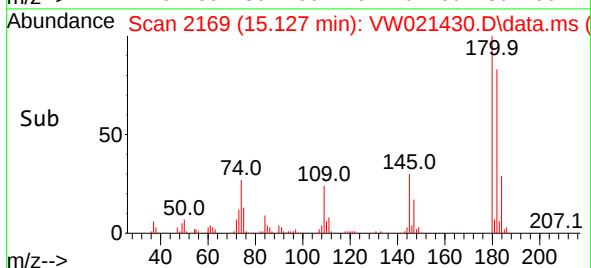
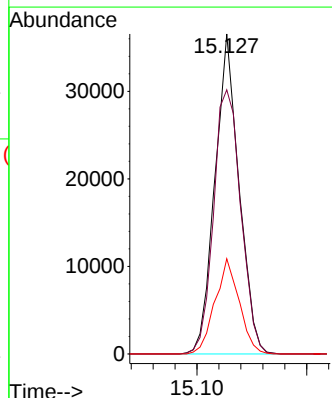
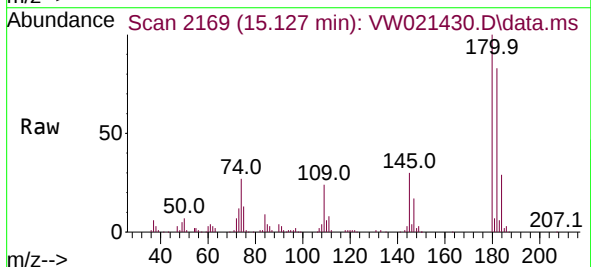


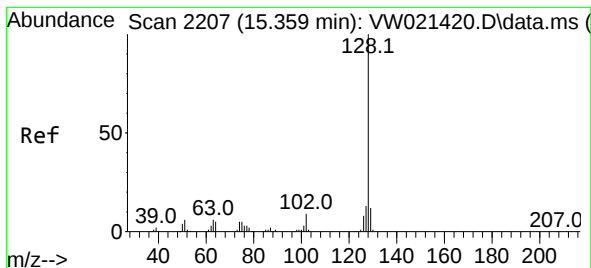
Tgt Ion:180 Resp: 34766
Ion Ratio Lower Upper
180 100
182 86.9 75.4 113.0
184 30.3 23.8 35.8
145 27.9 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 38.618 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

Tgt Ion:180 Resp: 55846
Ion Ratio Lower Upper
180 100
182 93.3 79.0 118.6
145 29.9 26.0 39.0





#71

Naphthalene

Concen: 2.134 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW021430.D

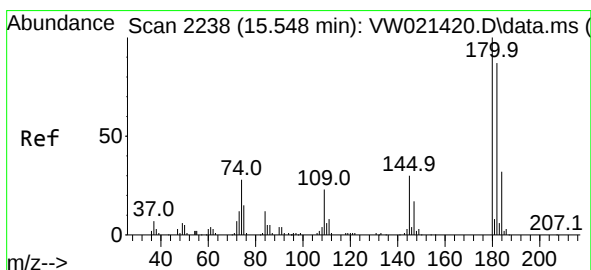
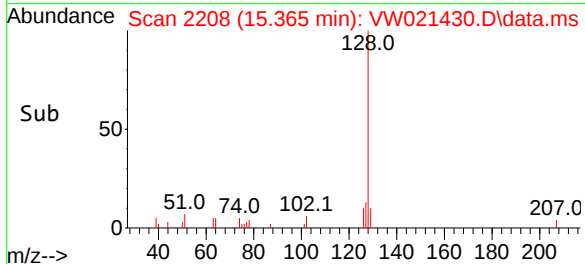
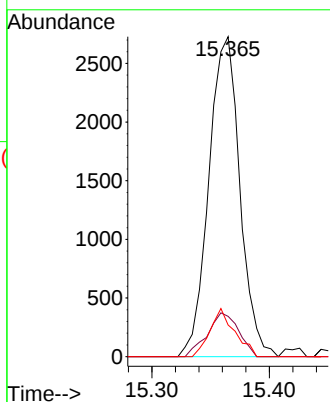
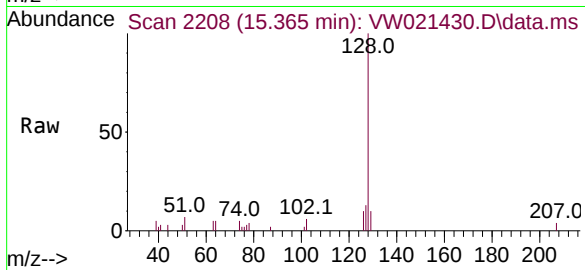
Acq: 17 Dec 2021 14:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	5013
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.7 16.1
129	11.9	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 6.302 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW021430.D

Acq: 17 Dec 2021 14:53

Tgt Ion:180	Resp:	7532
Ion Ratio	Lower	Upper
180	100	
182	99.3	76.6 114.8
145	33.7	27.4 41.0

